

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S21 5	3	"7036934"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 15:29
S21 4	2	"20030063257"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:58
S21 3	25	S211 and S212	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:58
S21 2	32	S210 and S206	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:51
S21 1	38	S209 and S206	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:51
S21 0	33	hirohara.in. and "351"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:50
S20 9	39	mihashi.in. and "351"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:50
S20 8	2754	SECOND ADJ LIGHT ADJ RECEIVING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:49
S20 7	4923	mihashi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:48

## EAST Search History

S20 6	3138153	measur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 11:48
S20 5	2	S203 and S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:19
S20 4	1	S203 and S189	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:19
S20 3	318	(2nd SECOND) near conver\$3 near (member mean device part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:19
S20 2	0	(2nd SECOND) near conversion near member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:18
S20 1	3	S190 and S200	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:17
S18 9	3816	(2nd SECOND) near LIGHT near RECEIVING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:17
S20 0	48	S189 and S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:12
S19 9	5	S193 and S198	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:12
S19 8	395	S190 and S191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:10

## EAST Search History

S19 2	1	S189 and S190 and S191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:10
S19 7	65318	(focal focus)adj point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:09
S19 6	3	S193 and S194 and S195	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:06
S19 5	274	short\$3 near foc\$3 near point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:06
S19 4	234	long\$3 near foc\$3 near point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:06
S19 3	25751	"351"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:05
S19 1	24626	wid\$2 near beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:04
S18 1	38	mihashi.in. and "351"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:04
S19 0	3335	thin\$2 near beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:03
S18 5	1618	thin adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:03

## EAST Search History

S18 8	2892	(2nd SECOND) ADJ LIGHT ADJ RECEIVING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:02
S18 7	2753	SECOND ADJ LIGHT ADJ RECEIVING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:02
S18 6	3098	wide adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/03 18:01
S18 4	33	S181 AND S183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 16:12
S18 3	72131	ABERRATION	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 16:12
S18 2	6	S180 AND S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 16:12
S18 0	330	low\$4 ADJ ORDER ADJ ABERRATIONS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 15:40
S16 7	329	low\$4 ADJ ORDER ADJ ABERRATIONS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 15:40
S17 9	38	mihashi.in. and "351"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/28 13:43
S17 3	4	S172 AND S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 12:09

## EAST Search History

S17 2	69	S162 AND S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 12:09
S17 1	20962	S169 aND S170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 12:09
S17 0	130871	wide\$3 with (beam or light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 12:08
S16 9	175955	thin\$3 with (beam or light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 12:08
S16 8	8	S162 and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 12:07
S13 9	1059	HIGHER ADJ ORDER ADJ ABERRATIONS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 12:01
S16 6	1	S165 and S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:54
S16 5	10	S164 and S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:54
S16 4	1509	S156 and S160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:53
S16 3	13382	S162 S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:53

## EAST Search History

S16 2	3188	SECON\$5 ADJ LIGHT ADJ RECEIV\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:52
S16 1	3152	SECOND ADJ LIGHT ADJ RECEIV\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:51
S12 9	2738	SECOND ADJ LIGHT ADJ RECEIVING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:51
S16 0	108857	wide with long	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:50
S15 9	93783	(seventeen or "17") with beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:50
S15 8	30209	fundus retina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:48
S15 7	15080	SECOND ADJ CONVER\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:48
S15 6	64989	(focal focus)adj point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:47
S15 5	131	HARTMANN with PLATE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:47
S15 4	1062	HIGHER ADJ ORDER ADJ ABERRATIONS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:47

## EAST Search History

S13 8	64	HARTMANN ADJ PLATE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:47
S13 2	4561	SECOND ADJ CONVERSION	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:47
S15 3	2058	SECOND ADJ DETECT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:46
S15 2	10269	SECOND ADJ DETECTING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:46
S13 6	2056	SECOND ADJ DETECT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:45
S15 1	3	"6629761"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:20
S14 9	2	"20050099599"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:16
S15 0	2	"20020041359"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 10:58
S1	2	"2002118229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 10:58
S7	7103589	(seventeen or "17") beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 10:06

## EAST Search History

S14 8	2	"6695450"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 10:10
S14 7	9	S145 AND S146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:32
S14 6	205	LOW ADJ ORDER ADJ ABERRATIONS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:32
S14 5	41	S139 AND S144	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:31
S14 4	159	"6273566" "6315412" "6934014" "6155684" "6563572" "5865829" "5583606" "1104663" "6916096" "6409345" "7036934" "5347327" "6802609" "20010016695" "20010035939" "20020041359" "20030011757" "20030189690" "20040012760"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:31
S13 1	54	S129 AND S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:11
S14 3	17	S129 AND S139	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:05
S14 2	1	S135 AND S140	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:05
S14 1	0	S136 AND S140	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:02

## EAST Search History

S14 0	266	S139 AND S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 09:02
S13 7	0	HARTMANN ADJ PLARE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 08:58
S13 5	10261	SECOND ADJ DETECTING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 08:57
S13 4	252	SECOND ADJ PHOTODETECTING	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 08:57
S13 3	4	S131 AND S132	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 08:56
S13 0	25919	RETINA FUNDUS]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/11 08:41
S12 8	6	S126 and S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:06
S12 7	25605	retina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:06
S12 6	55	S124 AND S125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:06
S12 5	3047	wide adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:05

## EAST Search History

S12 4	1600	thin adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 14:05
S12 3	55	S119 AND S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:28
S12 2	55	S117 AND S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:28
S12 1	132	S119 AND S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:27
S12 0	132	"6273566" "6315412" "6934014" "6155684" "6563572" "5865829" "5583606" "1104663" "7036934" "6409345" "6916096"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:27
S11 9	37181055	US "6273566" B1 US "6315412" B1 US "6934014" B1 US "6155684" A US "6563572" B1 US "5865829" A US "5583606" A EP "1104663" "7036934" US "6409345" US "6916096"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:26
S11 8	55	S116 AND S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:25
S11 7	3047	wide adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:25
S11 6	1600	thin adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:25

## EAST Search History

S11 5	12	"5929970"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:17
S11 3	2	"6695450"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 15:29
S11 2	3	"6629761"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 14:15
S11 0	2	"2001204690"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 14:04
S11 1	2	"2002125931"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 13:31
S10 9	2	S108 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 13:28
S10 8	104645	photodetector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:32
S10 7	1	S106 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:31
S10 6	124	("351"/("240,241,242")).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2006/06/15 12:24
S10 4	214613	"351"/("240,241,242")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:23

## EAST Search History

S10 5	1783	S99 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:22
S10 3	2	S92 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:22
S10 2	0	S92 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:20
S10 1	761	"37" and S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:19
S10 0	2025	S99 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:19
S99	116939	light adj receiving	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:19
S92	52	351/241	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:19
S98	18	S92 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:18
S97	0	S92 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:14
S96	1719	abberations	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:13

## EAST Search History

S95	1719	abberation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:13
S94	30	S92 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:12
S93	1909858	calculate or measure arithmetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:11
S91	24542	myopia hyeropia astigmatism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:05
S90	25	S88 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:49
S89	501065	eye	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:36
S88	74	S87 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:36
S87	17645	S81 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:35
S86	1408978	sensiti\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:35
S84	33	S82 not short	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:35

## EAST Search History

S85	0	S84 and 351/205	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:31
S83	2	S82 and 351/205	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:31
S82	260	(short long) adj S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:29
S81	64450	(focal focus)adj point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:29
S80	2	"6695450"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:28
S79	30	"6299311"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:16
S78	3	"6582079"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:10
S77	3	"2001344738"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:07
S76	14	S74 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:06
S75	349	zernike adj coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:02

## EAST Search History

S74	19	hartmann adj image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:01
S73	535	higher and order and abberation\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 10:56
S65	1625841	Shack-Hartmann sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:36
S64	119	S63 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:35
S63	536	S28 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:10
S62	21	S58 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:09
S61	419	S60 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:07
S60	136507	magnification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:07
S59	4	S58 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:07
S58	123	lens adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:02

## EAST Search History

S57	110789	lens and density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:02
S56	40	lens and desity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:01
S55	6	S42 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 17:00
S54	55	S32 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:52
S53	3045	wide adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:51
S52	90	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:50
S51	1370	S7 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:40
S50	332	S7 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:40
S41	12	"5929970"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:38
S49	3	S46 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:30

## EAST Search History

S46	128	S45 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:29
S48	39	S46 not S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:28
S47	1400036	beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:27
S45	376	S44 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:25
S44	9469	S43 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:25
S43	19011	S42 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:24
S42	25557	retina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:24
S40	3	"5959970"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:04
S39	6	"6273566"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 16:03
S21	16	S19 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:13

## EAST Search History

S38	93	S32 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:47
S37	40541	lens and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:47
S36	15	S27 and S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:46
S35	7	S27 and S3 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:41
S34	0	S26 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:39
S33	0	S27 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:35
S32	1598	thin adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:35
S31	31	S30 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:35
S30	119	S29 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:23
S29	536	S28 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:22

## EAST Search History

S28	1553	351/205	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:22
S27	436	351/243	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:22
S26	3	S25 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:21
S25	415	S4 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:20
S23	14	S14 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:20
S24	3	S23 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:14
S22	0	S19 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:13
S19	16	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:10
S20	3	hartman adj image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:07
S18	13206	refractive adj power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:07

## EAST Search History

S17	59	S16 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:06
S16	133	S3 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:05
S15	835	S14 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:05
S14	974	351/246	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:04
S13	16491	S12 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:03
S12	17621	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 14:01
S8	2469	(seventeen or "17") adj beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 13:59
S5	207	(arithmet\$ and calculation\$) adj part	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 13:57
S4	1407731	sensiti\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 13:55
S3	64380	(focal focus)adj point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 13:54

## EAST Search History

S2	420	"6041186" "6030081" "6139151" "5896198" "5847806" "5844659" "5678863" "5596377" "5557350" "5807273" "5483347" "5412442" "5392122" "5532772" "4988206" "4944303" "4834526" "5355253" "4795250" "4583830" "4534637" "4253743" "6149589" "6206523" "6137958" "6012814" "5980042" "6124967" "6061123" "6056404" "5708494" "5371558" "5249004" "4993825" "5784146" "4820037" "4421391" "5764341" "5471261" "6002484" "5469233" "5737058" "5696573" "5349399" "5465123" "5455644" "5250966" "5210555" "5561482" "5528323"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 13:54
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